



Gr 1724
EN

PTO/SB/21 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application No.:	09/689,831	
	Filing Date	October 13, 2000	
	First Named Inventor	Sadao Nishibori	
	Art Unit	1724	
	Examining Attorney	Fred G. Prince	
Total Number of Pages in This Submission		Attorney Docket Number	3170/2

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input checked="" type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Copies of Supporting Documents
<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	DENNISON, SCHULTZ, DOUGHERTY & MACDONALD David E. Dougherty, Reg. No.: 19,576
Signature	
Date	September 15, 2005



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Sadao NISHIBORI Art Unit : 1724
Serial No. : 09/689,831 Examiner : Fred G. Prince
Filed : October 13, 2000
Title : RESIN CULTIVATING BASE, WATER PURIFYING DEVICE AND METHOD
USING RESIN CULTIVATING BASE

MAIL STOP PETITIONS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PETITION TO WITHDRAW ABANDONMENT

Under 37 CFR §§1.8(b) and 1.181, applicant hereby petitions to withdraw the Notice of Abandonment mailed July 23, 2002 (copy never received). The application was abandoned because the Patent and Trademark Office records indicate that the corrected drawings were not submitted at the time the Issue Fee was paid.

The undersigned, applicant's attorney of record, received a letter from the client inquiry about the status of the Letters Patent. Upon reviewing the file, it was noted that a Status Inquiry and Change of Firms Name and Address were filed on June 2, 2004 and a second Status Inquiry and Change of Firms Name and Address was filed on December 9, 2004. Applicant's attorney of record contacted the U.S. Patent Office's Inventor's Assistance Center and was advised that a Notice of Abandonment was issued, but it appeared to be due to an error and all papers are shown as timely submitted. Applicant did not receive a Notice of Abandonment or a Notice requiring correction of drawings following the payment of the Issue Fee on June 18, 2002 and that 4 sheets of corrected Formal Drawings were submitted at the time the Issue Fee was paid.

The following documents are submitted under 37 CFR §1.8(b)(2) as proof that payment of the issue fee was timely filed on June 18, 2002 along with 4 sheets of corrected drawings as required in the Notice of Allowance/Allowability mailed March 18, 2002:

1. Copy of Payment of Issue Fee and Transmittal Letter (1 page)
2. A copy of the PART-B FEE(s) Transmittal (1 page)

Applicant : Sadao NISHIBORI
Serial No. : 09/689,831
Filed : October 13, 2000
Page : 2 of 2

Attorney's Docket No.: 3170/2

3. Copy of Letter to Draftsperson (1 page)
4. Copy of formal drawings; Figs. 8, 9, 10, 15-17 (4 sheets)
5. Copies of two Status Inquiries and Notice of Address Change (4 pages)
6. A copy of the postcard dated June 18, 2002 as submitted and reflecting Patent Office Mailroom stamp as evidence of filing.

Applicants submit that the issue fee was timely filed and drawings were provided as required.

It is believed that no fee is due or payable since the U.S. Patent and Trademark Office made the error.

In view of the foregoing, Applicant requests that the Notice of Abandonment be withdrawn and the Patent Issue.

Respectfully submitted,

Date:

Sept 15, 2005

David E. Dougerty
Reg. No. 19,576

Customer No. 23338
Dennison, Schultz, Dougherty
& MacDonald
1727 King Street, Suite 105
Alexandria, VA 22314
Telephone: (703) 837-9600

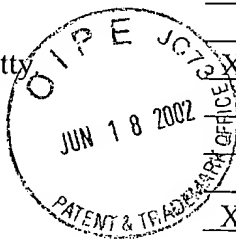
Inventor: **NISHIBORI et al.** Serial No: **09/689,831** Docket No: **3170/2**

For: **RESIN CULTIVATION BASE, WATER PURIFYING DEVICE...**

Due date: **June 18, 2002** Date filed: **June 18, 2002** Initials: **DED/dmt**

This will acknowledge receipt in the Patent & Trademark Office of the following:

<input type="checkbox"/> New patent application (37CFR1.53b)	<input type="checkbox"/> Claim for priority
<input type="checkbox"/> Provisional patent applic.(37CFR1.53c)	<input type="checkbox"/> Priority document
<input type="checkbox"/> Continued prosecution applic.(37CFR1.53d)	<input type="checkbox"/> Amendment
<input type="checkbox"/> pages of Specification; _____ Claims	<input type="checkbox"/> Info. Discl. Statement; <u>X</u> Refs.
<u>4</u> sheets of Drawings	<input type="checkbox"/> Petition for Ext. of Time; _____ Mo.
<input type="checkbox"/> Combined Declaration & Power of Atty	<input checked="" type="checkbox"/> Issue fee transmittal
<input type="checkbox"/> Small entity declaration	<input type="checkbox"/> Notice of Appeal
<input type="checkbox"/> Assignment	<input type="checkbox"/> Appeal Brief (triplicate)
<input type="checkbox"/> Revocation of pwr. of atty. &	<input type="checkbox"/> Transmittal cover sheet
<input type="checkbox"/> Appointment of new atty.	<input checked="" type="checkbox"/> Check: \$649.00
<input checked="" type="checkbox"/> Other: Letter to Draftsperson	



<input type="checkbox"/> Trademark applic.	<input type="checkbox"/> Drawing
<input type="checkbox"/> Trademark applic.	<input type="checkbox"/> Specimens
<input type="checkbox"/> Section 8 & 15 Affidavit	

☐ Please provide EARLY NOTIFICATION of the SERIAL NUMBER for the above application.

Attorney Docket No.: 3170/2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
NISHIBORI et al. :
Serial No.: 09/689,831 : Group Art Unit: 1724
Filed: October 13, 2000 : Examiner: F. Prince
For: RESIN CULTIVATING BASE, :
WATER PURIFYING DEVICE ... :

PAYMENT OF ISSUE FEE TRANSMITTAL LETTER

Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

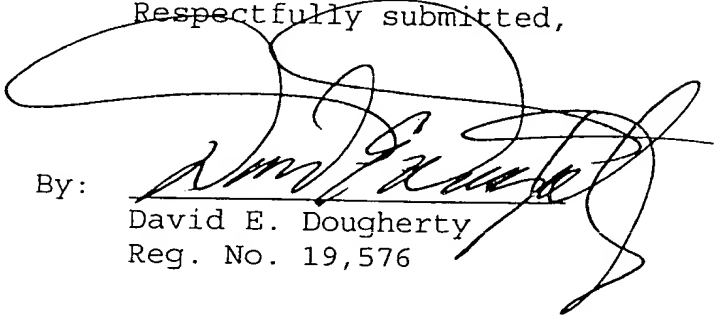
Transmitted herewith in the above-identified
application is the payment for Issue Fee.

A check in the amount of \$649.00 is enclosed to
cover SMALL ENTITY government fees and 3 additional
patent copies.

Respectfully submitted,

June 18, 2002
Date

By:


David E. Dougherty
Reg. No. 19,576

Dennison, Schultz & Dougherty
612 Crystal Square 4
1745 Jefferson Davis Highway
Arlington, VA 22202
Tel: 703-412-1155 - Ext. 17
Fax: 703-412-1161

PART B - FEE(S) TRANSMITTAL

Complete and mail this form, together with applicable fee(s), to:

Box ISSUE FEE
Assistant Commissioner for Patents
Washington, D.C. 20231

MAILING INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

7590 03/18/2002

DOUGHERTY & TROXELL
SUITE 1404
5205 LEESBURG PIKE
FALLS CHURCH, VA 22041

Note: The certificate of mailing below can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing.

Certificate of Mailing

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/689,831	10/13/2000	Sadao Nishibori	3170/2	6502

TITLE OF INVENTION: RESIN CULTIVATING BASE, WATER PURIFYING DEVICE AND METHOD USING RESIN CULTIVATING BASE

TOTAL CLAIMS	APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
19	nonprovisional	YES	\$640	\$0	\$640	06/18/2002

EXAMINER	ART UNIT	CLASS-SUBCLASS
PRINCE, FRED G	1724	210-170000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Use of PTO form(s) and Customer Number are recommended, but not required.

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47) attached.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

- 1 Dennison, Schultz
- 2 & Dougherty
- 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) ☐ individual ☐ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

☒ Issue Fee

☐ Publication Fee

☒ Advance Order - # of Copies 3

4b. Payment of Fee(s):

☐ A check in the amount of the fee(s) is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☐ The Commissioner is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

The COMMISSIONER OF PATENTS AND TRADEMARKS is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

(Date)

David E. Dougherty 19,576

6/18/02

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending on the needs of the individual case. Any comments on the amount of time required to complete this form should be sent to the Chief Information Officer, United States Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND FEES AND THIS FORM TO: Box Issue Fee, Assistant Commissioner for Patents, Washington, D.C. 20231

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
NISHIBORI et al. :
Serial No.: 09/689,831 : Group Art Unit: 1724
Filed: October 13, 2000 : Examiner: F. Prince
For: RESIN CULTIVATING BASE, : Date Allowed: 03/18/02
WATER PURIFYING DEVICE ... :

LETTER TO THE DRAFTSPERSON

Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

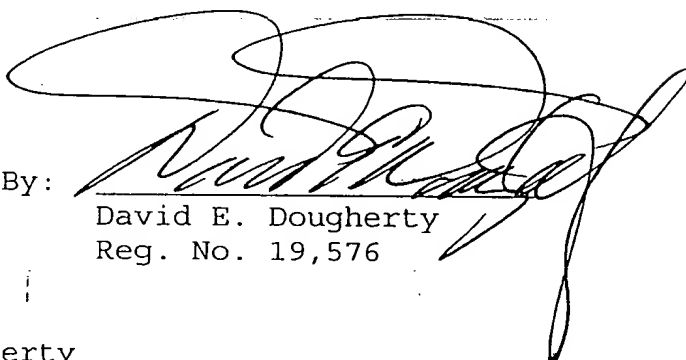
Enclosed herewith are Four (4) sheets of formal drawings for the above-identified application to replace those figures that are presently in the case.

Respectfully submitted,

June 18, 2002

Date

By:


David E. Dougherty
Reg. No. 19,576

Dennison, Schultz & Dougherty
612 Crystal Square 4
1745 Jefferson Davis Highway
Arlington, VA 22202
Tel: 703-412-1155 - Ext. 17
Fax: 703-412-1161

FIG. 8

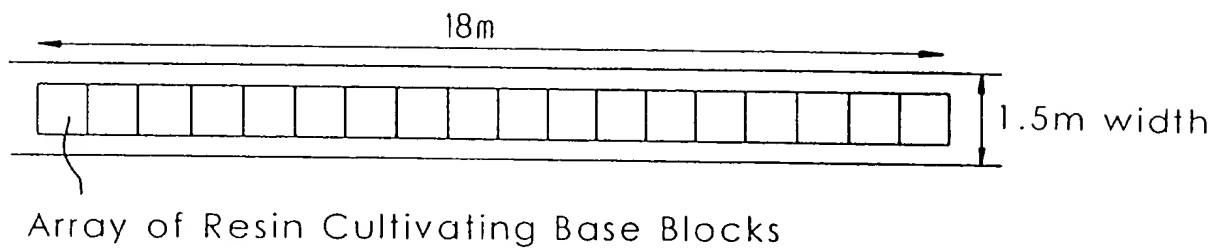


FIG. 9

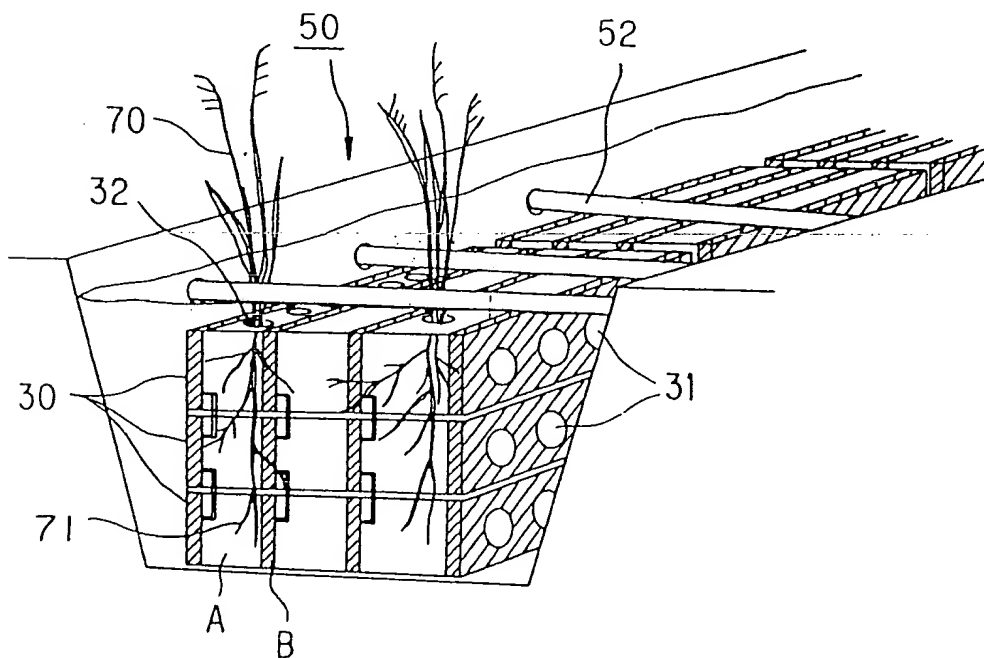


FIG. 10

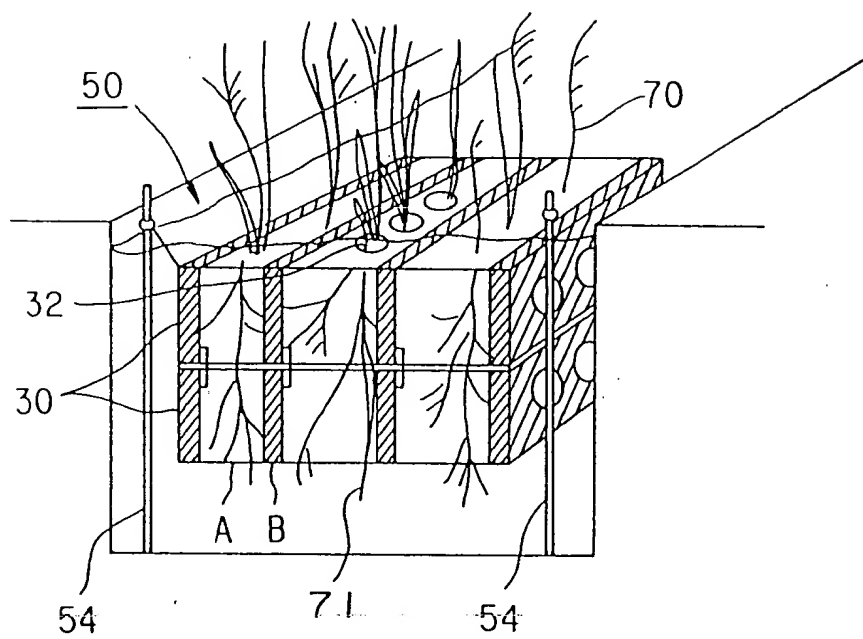


FIG. 15
PRIOR ART

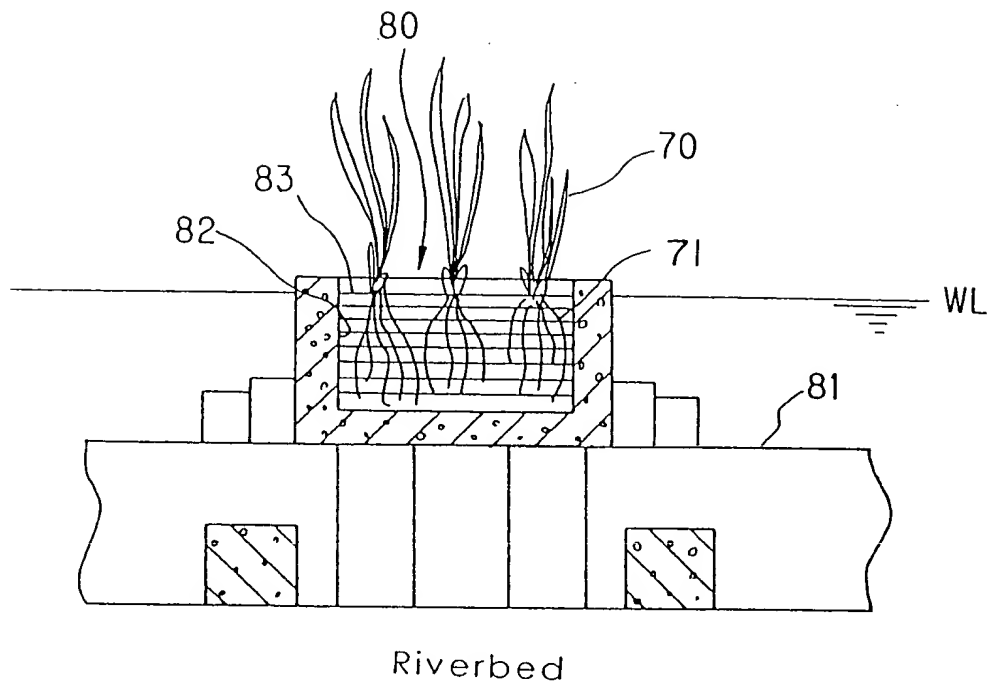


FIG. 16

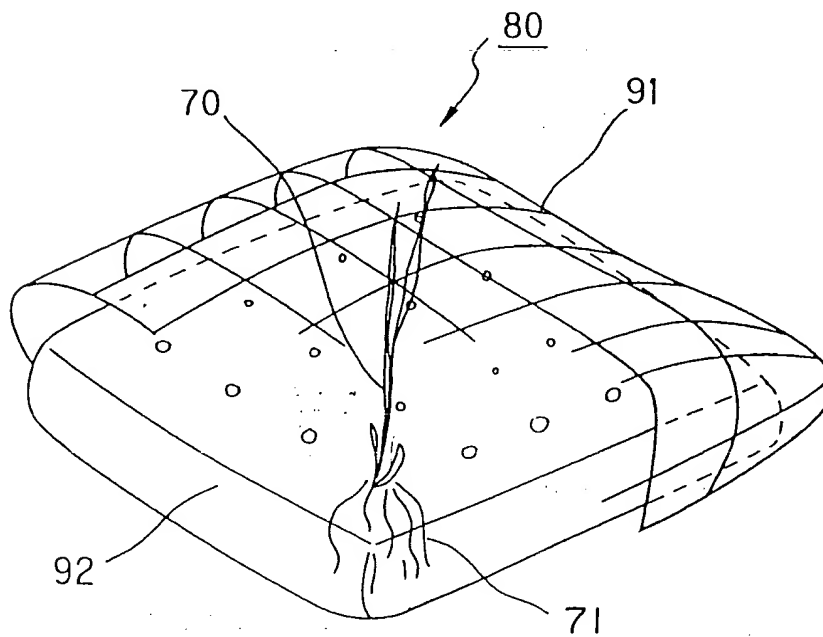
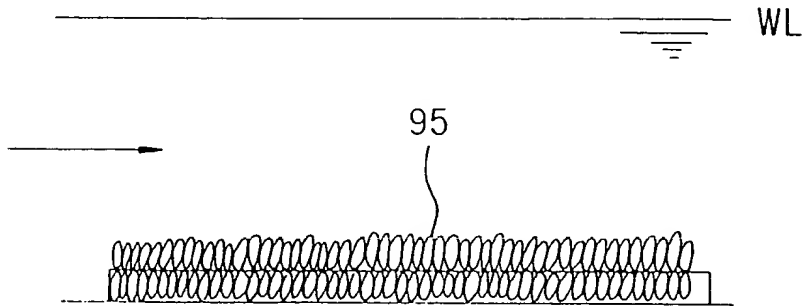
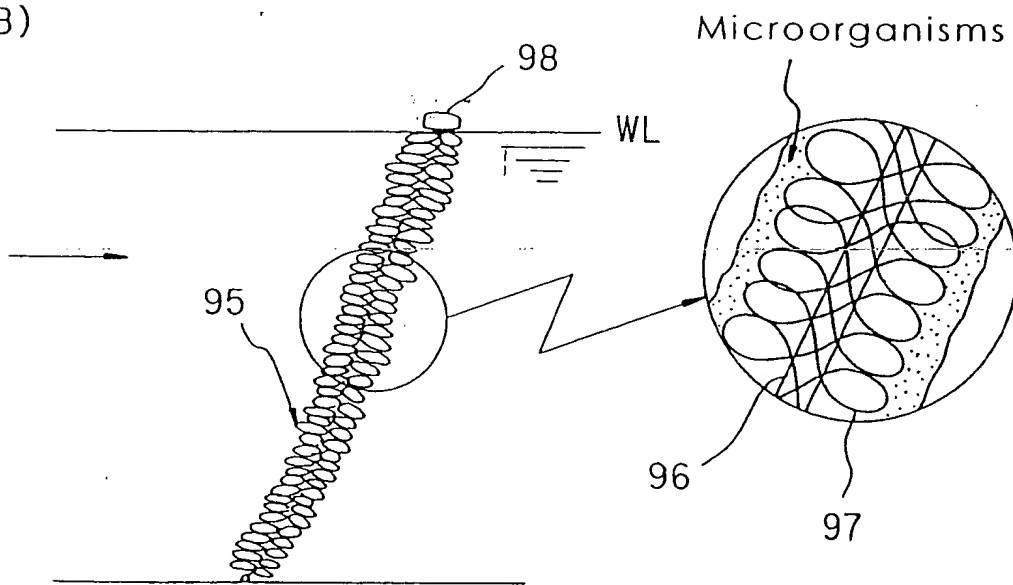


FIG. 17
PRIOR ART

(A)



(B)



Applicant: **Sadao NISHIBORI et al.**

Docket No: **3170/2**

Serial No.: **09/689,831**

Title: **RESIN CULTIVATION BASE, WATER PURIFYING DEVICE AND METHOD USING
RESIN CULTIVATING BASE**

Date: **June 2, 2004**

Initials: **DED/vjb**

Transmitted herewith for filing are the following:

1. Status of Original Letters Patent
2. Change of Firm Name and Address

Receipt is hereby acknowledged by the U.S. Patent & Trademark Office of the above-identified papers.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :
: Sadao Nishibori et al. : Group Art Unit: 1724
: Serial No: 09/689,831 : Examiner: F. Prince
: Filed: October 13, 2000 : Date Allowed: 03/18/02

For: RESIN CULTIVATION BASE, WATER PURIFYING DEVICE AND METHOD
USING RESIN CULTIVATING BASE

STATUS OF ORIGINAL LETTERS PATENT

Commissioner For Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

An Issue Fee Transmittal Form and Letter to Draftsperson were filed for the above-captioned patent application on June 18, 2002. Copies of the Issue Fee Transmittal Form and Letter to Draftsperson and Postcard Receipt are attached hereto.

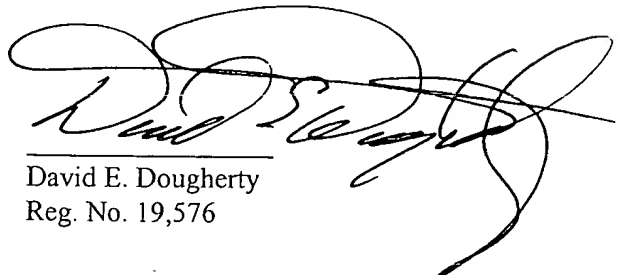
It is respectfully requested that the original Letters Patent be immediately returned to the attorneys of record at the address set forth below.

If there are any questions regarding this matter, please contact the undersigned at the telephone number set forth below.

Respectfully submitted,

June 2, 2004
Date

By:


David E. Dougherty
Reg. No. 19,576

Dennison, Schultz, Dougherty & MacDonald
1727 King Street, Suite 105
Alexandria, Virginia 22314
Tel: 703-837-9600 - Ext. 17
Fax: 703-837-0980

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :
: Sadao Nishibori et al. : Group Art Unit: 1724
: Serial No: 09/689,831 : Examiner: F. Prince
: Filed: October 13, 2000 : Date Allowed: 03/18/02

For: RESIN CULTIVATION BASE, WATER PURIFYING DEVICE AND METHOD
USING RESIN CULTIVATING BASE

CHANGE OF FIRM NAME AND ADDRESS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Sir:

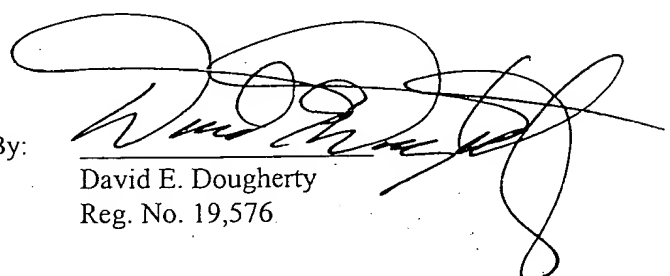
Effective immediately, please forward all further correspondence in this application to David E. Dougherty at the new firm name and address as follows:

David E. Dougherty
Dennison, Schultz, Dougherty & MacDonald
1727 King Street, Suite 105
Alexandria, Virginia 22314
Tel: 703-837-9600 Ext. 17
Fax: 703-837-0980

Respectfully submitted,

June 2, 2004
Date

By:


David E. Dougherty
Reg. No. 19,576

Dennison, Schultz, Dougherty & MacDonald
1727 King Street, Suite 105
Alexandria, Virginia 22314
Tel: 703-837-9600 - Ext. 17

Applicant: **Sadao NISHIBORI et al.**

Docket No: **3170/2**

Serial No.: **09/689,831**

Title: **RESIN CULTIVATION BASE, WATER PURIFYING DEVICE AND METHOD USING
RESIN CULTIVATING BASE**

Filing Date: **October 13, 2004**

Initials: **DED/tdg**

Transmitted herewith for filing are the following:

1. Status of Original Letters Patent
2. Change of Firm Name and Address

Receipt is hereby acknowledged by the U.S. Patent & Trademark Office of the above-identified papers.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :
: Sadao Nishibori et al. : Group Art Unit: 1724
: Serial No: 09/689,831 : Examiner: F. Prince
: Filed: October 13, 2000 : Date Allowed: 03/18/02

For: RESIN CULTIVATION BASE, WATER PURIFYING DEVICE AND METHOD
USING RESIN CULTIVATING BASE

STATUS OF ORIGINAL LETTERS PATENT

Commissioner For Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

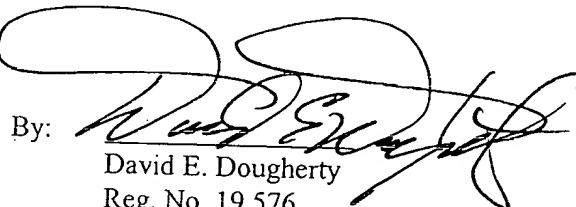
An Issue Fee Transmittal Form and Letter to Draftsperson were filed for the above-captioned patent application on June 18, 2002. Also, a Status of Original Letters Patent was filed June 2, 2004. Copies of the Issue Fee Transmittal Form, Letter to Draftsperson, Status of Original Letters Patent and Postcard Receipts (2) are attached hereto.

It is respectfully requested that the original Letters Patent be immediately forwarded to the attorneys of record at the address set forth below.

If there are any questions regarding this matter, please contact the undersigned at the telephone number set forth below.

Respectfully submitted,

December 3, 2004
Date

By: 
David E. Dougherty
Reg. No. 19,576

Dennison, Schultz, Dougherty & MacDonald
1727 King Street, Suite 105
Alexandria, Virginia 22314
Tel: 703-837-9600 - Ext. 17
Fax: 703-837-0980

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :
:
Sadao Nishibori et al. : Group Art Unit: 1724
:
Serial No: 09/689,831 : Examiner: F. Prince
:
Filed: October 13, 2000 : Date Allowed: 03/18/02

For: RESIN CULTIVATION BASE, WATER PURIFYING DEVICE AND METHOD
USING RESIN CULTIVATING BASE

CHANGE OF FIRM NAME AND ADDRESS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Sir:

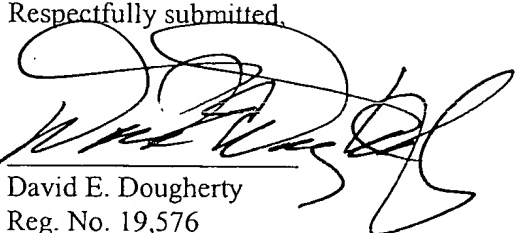
Effective immediately, please forward all further correspondence in this application to David E. Dougherty at the new firm name and address as follows:

David E. Dougherty
Dennison, Schultz, Dougherty & MacDonald
1727 King Street, Suite 105
Alexandria, Virginia 22314
Tel: 703-837-9600 Ext. 17
Fax: 703-837-0980

Respectfully submitted,

December 3, 2004
Date

By:


David E. Dougherty
Reg. No. 19,576

Dennison, Schultz, Dougherty & MacDonald
1727 King Street, Suite 105
Alexandria, Virginia 22314
Tel: 703-837-9600 - Ext. 17
Fax: 703-837-0980